



FM Approvals
1151 Boston-Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781 762 9375 www.fmapprovals.com

Member of the FM Global Group

CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

KFD2-SL2-Ex-1a. Single-Channel Solenoid Driver

IPA/II/2/ABCD/T4, Ta = 60°C

AIS/I,II,III/1/ABCDEFG – 16-548FM-12; Entity

Entity Parameters:

Voc, Uo = 28V

Isc, Io = 110 mA

Po = 770 mW

Ca, Co = 83 nF

La, Lo = 3 mH

Lo/Ro = 53.22 uH/Ω

a = Lead monitoring B or blank

Special Conditions of Use:

1) *In Class I, Division 2 installations, the subject equipment shall be mounted within an enclosure which is capable of accepting one or more of the Class I, Division 2 wiring methods specified in the Canadian Electrical Code (C22.1).*

2) *It is the responsibility of the manufacturer to provide warning markings in French where required by local jurisdictions.*

KFD2-SL2-Ex-2a. Two-Channel Solenoid Driver

IPA/II/2/ABCD/T4, Ta = 50°C

AIS/I,II,III/1/ABCDEFG – 16-548FM-12; Entity

Entity Parameters (per channel):

Voc, Uo = 28V

Isc, Io = 110 mA

Po = 770 mW

Ca, Co = 83 nF

La, Lo = 3 mH

Lo/Ro = 53.22 uH/Ω

a = Lead monitoring B or blank

Special Conditions of Use:

1) *In Class I, Division 2 installations, the subject equipment shall be mounted within an enclosure which is capable of accepting one or more of the Class I, Division 2 wiring methods specified in the Canadian Electrical Code (C22.1).*

2) *It is the responsibility of the manufacturer to provide warning markings in French where required by local jurisdictions.*

Equipment Ratings:

Class I, Division 2, Groups A, B, C, D, temperature code T4 at a maximum ambient temperature of 60°C for model KFD2-SL2-Ex1, temperature code T4 at a maximum ambient temperature of 50°C for model KFD2-SL2-Ex2; intrinsically safe (entity) outputs for Class I, II, III, Division 1, applicable Groups A, B, C, D, E, F, G hazardous locations.

FM Approved for:

Pepperl+Fuchs, Inc.
Twinsburg, OH

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

| | |
|----------------------|------|
| CSA C22.2 No. 157 | 2002 |
| CSA C22.2 No. 213 | 2004 |
| CSA C22.2 No. 1010.1 | 2004 |

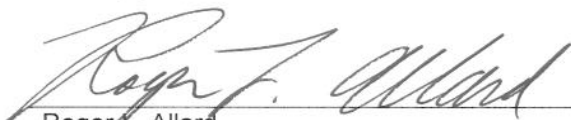
Original Project ID: 3028768C

Approval Granted: *May 8, 2007*

Subsequent Revision Reports / Date Approval Amended

| Report Number | Date | Report Number | Date |
|---------------|------|---------------|------|
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FM Approvals LLC



Roger L. Allard
Assistant Vice President

May 8, 2007

Date